

**Old Roosevelt Field Contaminated Groundwater Area Site
Remedial Action (RA)
Garden City, New York
Field Change Notification (FCN)**

Date: October 19, 2012

Request No.: RA-03

FCR Title: Installation of Additional Test Boring and Extraction Wells

Description: This FCN includes three changes to the approved May 24, 2010 Final RA Quality Assurance Project Plan (QAPP): (1). Installation of additional test boring and three extraction wells; (2). Addition of the collection of soil samples from the new test boring; and (3). Addition of the collection of groundwater samples from each new extraction after well development.

Reason for Deviation: The Final RA QAPP specified installation of one test boring (TB-1) and three extraction wells (EW-1S, EW-1I and EW-1D), soil sample collection from the test boring, and collection of groundwater samples from three extraction wells after well development. All these activities were completed in the fall of 2010. Investigations conducted by EPA and CDM Smith over the summer of 2011 revealed that contamination above the cleanup criteria exists on the downgradient side of the Garden City pumping wells. This new finding for the downgradient plume requires EPA to take action to contain further migration of the Site plume. As part of the RA for the Site's downgradient plume, EPA directed CDM Smith to perform the tasks listed below.

Recommended/Modification:

- (1) Install one additional test boring (STB-1) and three additional extraction wells (SEW-01S, SEW-01I and SEW-01D) at the locations shown on Figure 1. Anticipated depths are as follows:
 - STB-01 Borehole Depth: 550 feet below ground surface (bgs)
 - SEW-01D Well Depth: 550 feet bgs; Well Screen: 485-545 feet bgs
 - SEW-01I Well Depth: 480 feet bgs; Well Screen 415-475 feet bgs
 - SEW-01S Well Depth: 415 feet bgs; Well Screen 350-410 feet bgs
- (2) Collect a total of 15 soil samples, including a duplicate, for Total Organic Carbon (TOC) analysis from the depths below.

TOC Analysis Sampling Depths (feet bgs)				
275	350	410	470	530
295	370	430	490	550
315	390	450	510	

- (3) Collect a total of 3 groundwater samples from each newly installed extraction wells after completion of well development. The groundwater samples will be sent to DESA or a CLP laboratory for analysis of volatile organic compounds, and total and dissolved metals.

Impact on Data Quality Objectives: None.

RAC 2 Contract No.: EP-W-09-002

Work Assignment No.: 023-RARA-02PE

Signatures:



Muzaffar Rahmani, CDM Smith Task Leader



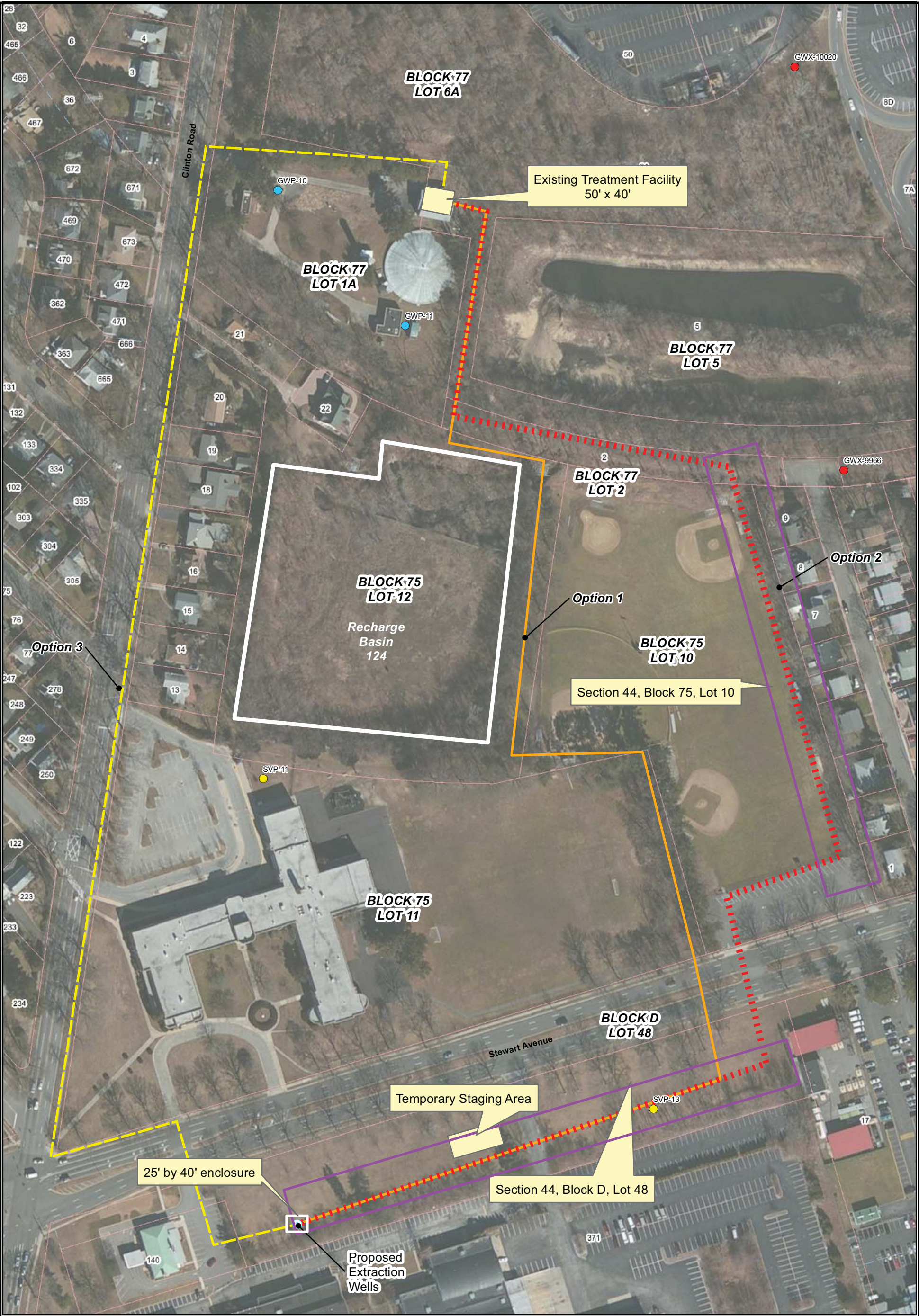
Thomas Mathew, CDM Smith Project Manager









Enclosure

cc:

Sherrel Henry, EPA Remedial Project Manager
Jeniffer Oxford, CDM Smith QA Coordinator

Bill Sy, EPA QA Officer
Old Roosevelt Field RA Field Team



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|  Extraction Well |  Option 1 (2,525 ft.) |
|  Monitoring Well |  Option 2 (2,815 ft.) |
|  Multiport Well |  Option 3 (2,600 ft.) |
|  Pumping Well |  Nassau County Parcel Lines |

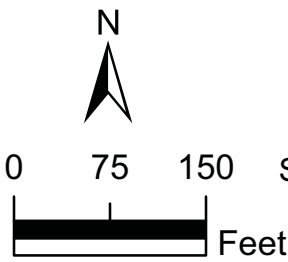


Figure 1
Simulated Location of Southern Extraction Wells and Pipe Run
Old Roosevelt Field Contaminated Groundwater Site
Garden City, New York